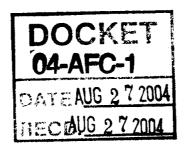
2485 Natomas Park Drive Suite 600 Sacramento, CA 95833



August 27, 2004 184288



Mr. William Pfanner Siting Project Manager California Energy Commission 1516 Ninth Street, MS-15 Sacramento, CA 95814-5504

RE:

Informal Data Response, Set 4

San Francisco Electric Reliability Project (04-AFC-1)

Dear Bill:

On behalf of the City of San Francisco, please find attached 12 copies and one original of the Informal Data Response, Set 4, in response to Staff's Informal Data Requests received via emails on August 6, 2004, and August 12, 2004. We are filing copies of this Informal Data Response both electronically and in hard copy.

Please call me if you have any questions.

Sincerely,

CH2M HILL

John L. Carrier, J.D. Program Manager

c: Project File Proof of Service List

SAN FRANCISCO ELECTRIC RELIABILITY PROJECT (04-AFC-1)

INFORMAL DATA RESPONSE SET 4

NO-152-153, RE-154, and PD-155-156

Submitted by

CITY AND COUNTY OF SAN FRANCISCO

August 27, 2004



2485 Natomas Park Drive, Suite 600 Sacramento, California 95833-2937

SAN FRANCISCO ELECTRIC RELIABILITY PROJECT (04-AFC-1) INFORMAL DATA RESPONSE SET 4

Technical Area: Noise

DATA REQUEST

NO-152. In the Police Code, section 2909(a) there is a chart listing maximum permissible noise levels versus zoning designation. The Application for Certification (Table 8.4-1 and Figure 8.4-3) contains zoning designations for the project site and surrounding properties.

These two sources don't match. The Police Code refers to residential zones such as R-1, R-2. R-3. The Application, Table 8.4-1, refers to residential zones such as RH-1, RH-2, RH-3, and Figure 8.4-3 shows RH-2, etc. How do these two systems correspond?

Response: According to the City Planning Code, General Planning Provisions, Article 1, the following definition of "District" states:

SEC. 102.5 DISTRICT

"A portion of the territory of the City, as shown on the Zoning Map, within which certain regulations and requirements or various combinations hereof apply under the provisions of this Code. The term 'district' shall include any use, special use, height and bulk, or special sign district. The term 'R District' shall mean any RH-1(D), RH-1, RH-1(S), RH-2, RH-3, RM-1, RM-2, RM-3, RM-4, RC-1, RC-2, RC-3, RC-4 or RED District. . . The term 'RH District' shall mean any RH-1(D), RH-1, RH-1(S), RH-2, or RH-3 District. The term 'RM District' shall mean any RM-1, RM-2, RM-3, or RM-4 District...."

Based on this definition, a R-1 zoning designation reflect all RH-1(D), RH-1, RH-1(S) and RC-1 districts. Zoning designations R-2 and R-3 reflect similar RH, RM, and RC designations.

NO-153. In the Application, Figure 8.4-3, noise monitoring location ML-4, at 22nd Street and Missouri Ave., appears to be in a light green (RM-2) zoning district. A label on the figure calls it RH-2. Which, if either, is correct?

Response: The labeling within the figure was inadvertently transposed. The location at 22nd Street and Missouri Avenue should be called RM-2, while the red colored area on the northeastern corner of Caire and Wisconsin Street should be called RH-2.

SAN FRANCISCO ELECTRIC RELIABILITY PROJECT (04-AFC-1) INFORMAL DATA RESPONSE SET 4

Technical Area: Reliability

DATA REQUEST

RE-154. In Appendix 6 of the AFC, the PG&E Interconnect Agreement letter is found. On the first page (third paragraph) the letter states, "This project assumes that Hunters Point is **off line**, and that Mirant Potrero Power Plant is on line with expanded new load."

It is my understanding that Hunters Point may remain **on line** even if the SFERP is constructed. Therefore, I need a letter from PG&E stating the capability and willingness to supply the needed natural gas for the SFERP with both the Hunters Point and Potrero Plants still operational.

Response: As is described in the AFC section 3 on purpose and need, it is the City's expectation that in the absence of the Jefferson-Martin line, the SFERP will provide for closure of the Hunters Point Power Plant, and that with the line, the SFERP would provide for closure of Hunters Point Power Plant and generating units at the Potrero Power Plant. In any event, a copy of a letter dated August 13, 2004 from PG&E stating that there is capacity to supply the natural gas to SFERP, Hunters Point and Mirant Unit 3 Power Plant is provided as Attachment RE-154.

SAN FRANCISCO ELECTRIC RELIABILITY PROJECT (04-AFC-1) INFORMAL WORKSHOP

ATTACHMENT RE-154

Natural Gas Capacity Letter from PG&E dated August 13, 2004

Pacific Gas and Electric Company

77 Beale Street
San Francisco, CA 94105
Mniling Address
Mail Code B16A
P.O. Box 770000
San Francisco, CA 94177
415/973-7000

VIA FAX AND MAIL



August 13, 2004

Mr. Ralph Hollenbacher Hetch Hetchy Water & Power 1155 Market Street, 4th Floor San Francisco, CA 94103

Dear Mr. Hollenbacher:

Per your request of August 12, 2004, PG&E has reviewed its capacity to provide gas service to the San Francisco Peninsula under the following conditions: Hunters Point Power Plant on-line, Mirant Unit 3 Power Plant on-line, and SFPUC Energy Reliability Project on-line. PG&E confirms that it does have capacity to serve the gas load with these three power plants on-line.

Please contact me if you have any questions.

Sincerely

Mr. Rod Boschee

Manager, Contract Development and Management

RAB:cmc

Cc: Jim Mikowicz

Michael O'Brien

SAN FRANCISCO ELECTRIC RELIABILITY PROJECT (04-AFC-1) INFORMAL WORKSHOP

Technical Area: Project Description

DATA REQUEST

PD-155. In one of your responses to a recent data request, the City said that they were requesting 12,000 hours annually for four turbines, but then went on to say that the City of SF would have no control over the actual utilization during the first 10 years because the facility would be subject to dispatch by DWR/ISO. What does that mean? If we analyze the SFERP for 12,000 hours for Air Quality purposes, we would have our permit expressly limit the hours of operation to 12,000; if that's inconsistent with the DWR contract, and they don't want such a limit, then we should assume some higher number of hours/emissions.

Response: In the Application for Certification, SFERP was analyzed based on the equivalent of 12,000 hours of full-load operation for the three turbines for Air Quality purposes. The City anticipates that both the CEC certification and the BAAQMD permit will include a limit on annual fuel consumption that is consistent with this analysis. The City has kept DWR informed of its AFC submittal and the operating limitation in the submittal. To date, DWR has not informed the City of a concern associated with this limitation.

PD-156. Please provide a copy of the DWR contract to Staff.

Response: The Power Purchase Agreement between the City and DWR is provided as Attachment PD-156.

SAN FRANCISCO ELECTRIC RELIABILITY PROJECT (04-AFC-1) INFORMAL WORKSHOP

ATTACHMENT PD-156

Power Purchase Agreement Between City of San Francisco and DWR

EXECUTION COPY

POWER PURCHASE AGREEMENT

This POWER PURCHASE AGREEMENT (the "Agreement") is made and entered into as of the date set forth below, by and between the DEPARTMENT OF WATER RESOURCES with respect to its responsibilities pursuant to the Department Act (as hereinafter defined) regarding the Fund (as hereinafter defined) separate and apart from its powers and responsibilities with respect to the State Water Resources Development System (in such capacity, the "Department") and the CITY AND COUNTY OF SAN FRANCISCO (the "Seller") (each individually a "Party" and collectively the "Parties").

RECITALS

WHEREAS, the Department is authorized under the Department Act to contract with any person, local publicly owned electric utility, or other entity, upon those terms, limitations, and conditions as it prescribes, for the purchase of power on such terms and for such periods as the Department determines and at such prices the Department deems appropriate, taking into account, among other things, the intent to achieve an overall portfolio of contracts for energy resulting in reliable service at the lowest possible price per kilowatthour, and

WHEREAS, the Seller is authorized by Resolution of the Board of Supervisors of the City and County of San Francisco to enter this agreement and by the Charter of the City and County of San Francisco to establish, finance, purchase, own, operate, acquire, or construct generating facilities and to sell the output therefrom to the Department, subject to the terms of this Agreement and the Charter,

NOW, THEREFORE, in consideration of the foregoing, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereto agree as follows:

ARTICLE I DEFINITIONS

Section 1.01. <u>Definitions</u>. Unless otherwise defined herein or in any appendix hereto, the following terms shall have the respective meanings in this Agreement:

"Agreement" shall mean this Power Purchase Agreement and the appendices hereto, which are hereby incorporated herein by reference.

"Ambient Facility Output Table" means the table to be created as set out in section 5 of Appendix C that will relate expected Facility output (in MW) to ambient temperature, with Rated Capacity as the expected output at Contract Conditions.

"ASME" means the American Society for Mechanical Engineers.

"Authorized Representative" shall mean the person or persons designated in Appendix A as having full authority to act on behalf of a Party for all purposes hereof.

"Availability Notice" has the meaning set forth in Section 2.05(c).

"Billing Address" means the billing address specified in Appendix A or as otherwise specified by the Department.

"Billing Heat Rate" means the lesser of the Guaranteed Heat Rate and the Test Heat Rate.

"Bid Closing Time" means the time deadline by which Bond Bids must be submitted in connection with the competitive sale of the Initial Bonds in accordance with the Bond Bid Documents.

"Bond Bids" the bids submitted to the Seller for the purchase of the Initial Bonds in accordance with the Bond Bid Documents in connection with the competitive sale of the Initial Bonds.

"Bond Bid Documents" the notice of sale, bid form, disclosure documentation and other documents published in connection with a competitive sale of the Initial Bonds, including the final pricing published to the market pursuant thereto.

"Bond Purchase Agreement" means the agreement between or among the Seller and the underwriter(s) for the purchase of Initial Bonds.

"Bond Sale Time" means the hour that the Seller signs the Bond Purchase Agreement.

"Bonds" means any (a) Initial Bonds, or (b) any bonds, notes, certificates or other indebtedness issued by the Seller for any other purpose in connection with the Facility, including refunding bonds, which are approved by the Department.

"BTU" means British Thermal Units.

"Business Day" means any Day other than a Saturday or Sunday or a United States holiday. United States holidays shall be holidays observed by Federal Reserve member banks in New York City.

"CAISO" means the California Independent System Operator or any successor thereto.

"CAISO Participating Generator Agreement" means the agreement to be executed by the Seller and CAISO to establish the terms and conditions on which the Seller and CAISO will discharge their respective duties and responsibilities under the CAISO Tariff.

"CAISO Tariff" means the CAISO tariff on file with the FERC and in effect from time to

"Capacity Payment" means the monthly payment for Rated Capacity that the Department makes to the Seller as such payment is calculated pursuant to Section 2.02(a).

"Commercial Operation" means the Facility has provided Energy to the Department as measured under the terms of the CAISO Participating Generator Agreement.

"Commercial Operation Date" means the date on which the Department accepts the Seller's certification that all the requirements of commercial operation have been achieved in accordance with Appendix C hereto. Such acceptance shall occur within ten (10) Business Days of the Department's receipt of a complete Performance Test Report. The determination as to whether a Performance Test Report will be deemed "complete" shall be within the Department's sole discretion.

"Contract Conditions" means conditions that satisfy the requirements of the International Standards Organization standard conditions of 59 degrees Fahrenheit and sixty (60) percent relative humidity at sea level.

"CPUC" means the Public Utilities Commission of California or any successor thereto.

"Day" means the period beginning 12:00 midnight and ending on the following 12:00 midnight (Pacific Time).

"Defaulting Party" shall have the meaning set forth in Section 7.01.

"<u>Delivery Point</u>" means the point of interconnection on the transmission grid currently controlled by CAISO, on the high side of the Facility's transformer.

"Department Act" means ABX1 1 (Chapter 4 of the Statutes of 2001, First Extraordinary Session), as amended by ABX1 31 (Chapter 9 of the Statutes of 2001, First Extraordinary Session) codified as Section 80000 et seq. of the Water Code.

"Department Commitment Time" means (a) with respect to a competitive sale of the Initial Bonds, an hour 24 hours prior to the Bid Closing Time, and (b) with respect to a negotiated sale of the Initial Bonds, the Bond Sale Time; provided that the Department Commitment Time shall be extended until the Seller has (i) entered into the EPC Contract, (ii) entered into a Management Agreement with respect to its obligations hereunder, and (iii) with respect to a negotiated sale of the Initial Bonds, established the Final Terms and communicated them to the Department in accordance with Section 3.05(c) hereof.

"Department Determination Certificate" means a written certificate(s) delivered by the Department to the Seller not later than ten (10) days prior to the bidding of the EPC Contract (which bidding date shall be disclosed to the Department thirty (30) days prior thereto) setting forth certain determinations required to be made by the Department hereunder, which certificate(s) shall become a part of this Agreement.

"Department Fuel Plan" shall have the meaning set forth in Section 2.06.

"Dispatch" means the right of the Department to control or direct the delivery of Energy from the Facility, other than by submission of a Schedule to CAISO, in accordance with the provisions of this Agreement

"<u>Dispatched Energy</u>" means the amount of Energy actually generated for delivery by the Seller from the Facility pursuant to a Dispatch by the Department, as measured at the Electricity Metering Point.

"DS" shall have the meaning set forth in Section 2.02(a).

"EA" shall have the meaning set forth in Section 4.01(a) hereof.

"Effective Heat Rate" shall mean the Fuel Quantity divided by Hourly Energy.

"Electricity Metering Point" means the location on the high side of the Facility's transformer at which the Seller maintains meters and metering devices used to measure the delivery and receipt of Energy for payment purposes.

"Energy" means electric energy produced by the Facility in accordance with the Department's Schedule or Dispatch and measured in MW-hrs at the Electricity Metering Point.

"EPC Contract" means a contract with a creditworthy contractor for the engineering, procurement and construction of the Facility at a fixed price in form and substance reasonably satisfactory to the Department.

"Event of Default" shall have the meaning set forth in Section 7.01.

"Excused Hours" means those hours for which Seller is excused from its contractual obligations to deliver Energy to Buyer due to (a) Force Majeure, or (b) Scheduled Maintenance Outage, provided that only that number of weeks per year of Scheduled Maintenance Outage set forth in a Department Determination Certificate upon consideration of Prudent Industry Practices, manufacturer warranties and other relevant matters may qualify as Excused Hours.

"Facility" means the natural gas fired simple-cycle combustion turbine(s) generation station to be located in the City and County of San Francisco or San Francisco International Airport, consisting of four (4) GE LM6000 gas turbine package with other equipment necessary for the generation and transmission of Energy to the Delivery Point. The Facility shall be capable of and shall have all required permits necessary for operating the number of operating hours per year specified in a Department Determination Certificate.

"Facility Cost" means the fixed EPC Contract price for the Facility, all verified development costs paid for by Seller prior to the Department Commitment Time and any development costs approved by the Department expected to be paid for by Seller (excluding all development costs paid pursuant to the Implementation Agreement).

"FERC" means the Federal Energy Regulatory Commission or any successor thereto.

"Final Terms" means the principal amount(s), interest rates(s), redemption provisions and premiums and other terms and provisions of the Initial Bonds which shall be set forth in the Bond Purchase Agreement.

"FOM" shall have the meaning set forth in Section 2.02(a).

"Force Majeure" means an event or circumstance which prevents one Party from performing its obligations hereunder, which event or circumstance was not reasonably foreseeable as of the date of this Agreement, which is not within the reasonable control of, or the result of the negligence of, the Claiming Party, and which, by the exercise of due diligence, the Claiming Party is unable to overcome or avoid or cause to be avoided, including, but not limited to: shortages of materials or supplies (except if caused by the Seller's failure to maintain sufficient inventories and stores of spare parts), strikes or labor disruptions (except strikes or labor disputes resulting from unsafe working environment or unfair labor practices). interruptions of fuel supply, water supply or transmission, damages or breakdown of machinery, drought, flood, earthquake, storm, fire, lightning, epidemic, war, riot, civil disturbance, sabotage, inability to obtain and maintain applicable governmental approvals from a governmental authority resulting solely from the enactment, repeal and amendment in any applicable law or in the interpretation or application of any applicable law by such governmental authority, in each case occurring after the effective date hereof, or the failure of such governmental authority to comply with statutorily mandated permitting time requirements. Force Majeure shall not include any events such as, but not limited to, events arising from (a) the failure to operate and maintain the Facility in accordance with Prudent Industry Practices; (b) economic factors including the price of services or materials, (c) the inability to obtain financing, or (d) litigation.

"Fuel Manager" means the person designated by the Seller who performs the services of either Contracted Marketer (as such term is defined in the utility tariff) in the San Diego Gas & Electric utility system, or Authorized Agent (as such term is defined in the utility tariff) in the Pacific Gas & Electric utility system.

"Fuel Payment" means the monthly payment for fuel, if any, that the Department makes to the Seller or, if negative, made by Seller to Department, as set forth in Section 2.02(c).

"Fuel Price" shall mean for any period the gas cost (\$/MMbtu) as determined under either the Seller Fuel Plan or the Department Fuel Plan or as otherwise determined pursuant to Section 2.06, as applicable.

"Fuel Quantity" means the hourly metered usage of gas (Mmbtu) for the Facility to generate power to meet a Schedule or Dispatch by the Department, plus equivalent gas at the Guaranteed Heat Rate for any CAISO imbalance energy provided as permitted hereunder. Such hourly metered usage of gas shall be determined based on the ratio of (1) the actual output of the Facility to supply the Department's Scheduled Energy (but not energy generated in excess of the Department hourly schedule, unless pursuant to a Department Dispatch) or Dispatched Energy

(but not energy generated in excess of a Department Dispatch) to (2) the actual total output of the Facility.

"Fund" means the Department of Water Resources Electric Power Fund established by Water Code Section 80200.

"Governmental Approval" means, without limitation, any authorization, consent, approval, license, ruling, permit, exemption, variance, entitlement, order, judgment, decree, declaration of or regulation by any Governmental Authority relating to the acquisition, ownership, occupation, construction, start-up, testing, operation or maintenance of the Facility or the execution, delivery or performance of this Agreement.

"Governmental Authority" means any federal, state, local, territorial or municipal government and any department, commission, board, bureau, agency, instrumentality, judicial or administrative body thereof.

"Gross Hourly Fuel Costs" means Fuel Quantity multiplied by the Fuel Price.

"Guaranteed Availability" means the Target EA set forth in Section 4.01(a).

"Guaranteed Heat Rate" shall be 10,000MMBtu/kWh (higher heating value). This value assumes the use of gas compression. If gas compression is not required because of higher delivery pressure, the Guaranteed Heat Rate will be reduced by a percentage not less than 2% nor more than 5% as set forth in a Department Determination Certificate.

"Heat Rate Factor" means (a) when fuel supplied by the Seller, the lesser of: 1.0, and (Billing Heat Rate/Effective Heat Rate), and (b) when fuel supplied by the Department the [lesser of: 1.0, and (Billing Heat Rate/Effective Heat Rate)]-1.

"Hourly Ambient Capacity" means, for any hour, the MW value from the Ambient Facility Output Table corresponding to the ambient temperature for such hour.

"Hourly Energy" means the total of Scheduled Energy and Dispatched Energy for any hour.

"Hourly Fuel Costs" means the Gross Hourly Fuel Costs multiplied by the appropriate Heat Rate Factor.

"Implementation Agreement" means the Implementation Agreement, among the Seller, the Department, the California Consumer Power and Conservation Financing Authority and the Attorney General of the State, providing for, among other things, delivery of four turbines from the Attorney General to the Seller for the construction of the Facility and the delivery of certain moneys by the Attorney General to be held in escrow for the development of the Facility and outlining the duties and responsibilities of the parties thereto with respect to the development, acquisition, construction and operation of the Facility.

"Initial Bonds" means bonds, notes, certificates or other indebtedness issued by the Seller to finance the Facility Cost.

"Invoice Month" means the calendar month immediately following the month in which the Seller provided Rated Capacity and Energy for which an invoice is being issued.

"KW-hr" means kilowatt-hour, a measure of electric energy produced in one hour.

"Law" means any statute, law, rule or regulation imposed by a Governmental Authority, whether in effect now or at any time in the future.

"LDC" shall have the meaning set forth in Section 2.06.

"Management Agreement" means any agreement(s) in form and substance reasonably satisfactory to the Department, pursuant to which one or more creditworthy entities agrees to (a) operate and maintain the Facility on behalf of Seller, (b) provide fuel procurement and management, major maintenance, transmission, Scheduling, Dispatch and other services, and establishing a Variable O&M Payment that is fixed for a term of at least 10 years.

"Major Milestones" means the dates set forth in Appendix B.

"Monthly Availability Hours" means all hours in a month except for Excused Hours for such month.

"Monthly Fuel Costs" shall mean the aggregate of Hourly Fuel Costs for a month.

"MW" means megawatt, a measure of electric generating capacity.

"MW-hr" means megawatt-hour, a measure of electric energy produced by a one (1) MW source in one hour.

"MW-mo" means megawatt-month, a measure of electric capacity from a one (1) MW source available in one month.

"NERC" means the North American Electric Reliability Council.

"Non-Defaulting Party" shall have the meaning set forth in Section 7.01.

"Party" means the Department or the Seller.

"Prudent Industry Practices" means those practices, methods and acts (including but not limited to the generally accepted practices, methods and acts engaged in or approved by the operators of similar electric generating facilities) which at the time that such practice, method or action is employed, and in the exercise of reasonable judgment in light of the facts known at such time, would be expected to accomplish the desired result in a workmanlike manner, consistent with (a) applicable laws and governmental requirements, and (b) reliability, safety, and

environmental protection. "Prudent Industry Practices" shall not mean that operator is required to use the optimum practice, method, or act, but only requires the use of acceptable practices, methods or acts generally accepted in the United States in performing its obligations hereunder in accordance with Prudent Industry Practices.

"Purchase Price" means the aggregate monthly payment that the Department makes to the Seller for the Capacity Payment, Variable O&M and the Fuel Payment.

"Rate Agreement" means the Rate Agreement between the Department and State of California Public Utilities Commission ("CPUC") adopted by the CPUC on February 21, 2001 in Decision 02-02-051.

"Rated Capacity" means the power output capability of the Facility or a turbine constituting a part of the Facility, as appropriate, which may change from time to time, expressed in MW, as determined and adjusted to Contract Conditions based on performance tests conducted upon Commercial Operation and periodically thereafter in accordance with Section 2.03 and testing procedures set forth in Appendix C.

"RPLC" shall have the meaning set forth in Section 2.02(a).

"Schedule" means the right of the Department to schedule delivery of Energy from the Facility, in accordance with the provisions of the Agreement, pursuant to CAISO scheduling protocols or the protocols of any successor thereto.

"Scheduled Energy" is the amount of energy associated with a Department Schedule.

"Scheduled Maintenance Outage" means an interruption of the Facility's availability that (a) has been coordinated in advance with the Department pursuant to Section 3.02, and (b) is for the purpose of performing work on specific components of the Facility that would limit the power output of the Facility.

"Seller Fuel Plan" shall have the meaning set forth in Section 2.06.

"State" means the State of California.

"Term" shall have the meaning set forth in Section 2.08.

"Test Heat Rate" shall be the weighted average of the heat rates of the turbines comprising the Facility, as determined pursuant to the procedures in Appendix C.

"Trust Estate" means all revenues under any obligation entered into, and rights to receive the same, and monies on deposit in the Fund and income or revenue derived from the investment thereof.

"Unit" means each combustion turbine comprising the Facility.

"Variable O&M Payment" means the monthly payment for operations and maintenance related to Energy that the Department makes to the Seller as such payment is calculated pursuant to Section 2.02(b).

Section 1.02. Rules of Interpretation. Unless otherwise provided herein: (a) words denoting the singular include the plural and vice versa; (b) words denoting a gender include both genders; (c) references to a particular part, clause, section, paragraph, article, party, exhibit, schedule or other attachment shall be a reference to a part, clause, section, paragraph, or article of, or a party, exhibit, schedule or other attachment to the document in which the reference is contained; (d) a reference to any statute, regulation, proclamation, ordinance or law includes all statutes, regulations, proclamations, amendments, ordinances or laws varying, consolidating or replacing the same from time to time, and a reference to a statute includes all regulations, policies, protocols, codes, proclamations and ordinances issued or otherwise applicable under that statute unless, in any such case, otherwise expressly provided in any such statute or in the document in which the reference is contained; (e) a reference to a particular section, paragraph or other part of a particular statute shall be deemed to be a reference to any other section, paragraph or other part substituted therefor from time to time; (f) a definition of or reference to any document, instrument or agreement includes an amendment or supplement to, or restatement, replacement, modification or novation of, any such document, instrument or agreement unless otherwise specified in such definition or in the context in which such reference is used; (g) a reference to any person includes such person's successors and permitted assigns in that designated capacity; (h) any reference to "dollars" or "\$" shall mean United States dollars unless otherwise specified; (i) any reference to time is a reference to the time then prevailing, whether standard or daylight savings time, in the specified time zone; (j) if the date as of which any right, option or election is exercisable, or the date upon which any amount is due and payable, is stated to be on a date or Day that is not a Business Day, such right, option or election may be exercised, and such amount shall be deemed due and payable, on the next succeeding Business Day with the same effect as if the same was exercised or made on such date or Day (without, in the case of any such payment, the payment or accrual of any interest or other late payment or charge, provided such payment is made on such next succeeding Business Day); (k) words such as "hereunder," "hereto," "hereof" and "herein" and other words of similar import shall, unless the context requires otherwise, refer to the whole of the applicable document and not to any particular article, section, subsection, paragraph or clause thereof; and (1) a reference to "including" means including without limiting the generality of any description preceding such term.

ARTICLE II PURCHASE AND SALE OF CONTRACT CAPACITY AND ENERGY

Section 2.01. Purchase and Sale of Rated Capacity and Energy. On and after the Commercial Operation Date and for the remaining Term of this Agreement thereafter, the Seller shall provide and make available to the Department, and the Department shall purchase, Rated Capacity, and if requested by the Department pursuant to this Agreement, Energy, from the Facility at the Delivery Point, and the Department shall pay the Seller the Purchase Price. The Seller shall be responsible for any costs or charges imposed on or associated with the Rated

Capacity and Energy up to the Delivery Point. The Department shall be responsible for any costs or charges imposed on or associated with the Rated Capacity and Energy or its receipt at and from the Delivery Point.

Section 2.02. <u>Determination of Purchase Price</u>. The Purchase Price to be paid by the Department for Rated Capacity and Energy provided under this Agreement shall consist of an aggregate payment equal to the sum of the Capacity Payment, Variable O&M Payment and Fuel Payment.

(a) <u>Capacity Payment</u>. On the basis of the Rated Capacity, commencing on the Commercial Operation Date and for the remainder of the Term, the Department shall pay the Capacity Payment, on a monthly basis in arrears, regardless of whether the Department requests that the Seller deliver Energy from the Facility. Such Capacity Payment shall be a monthly charge established not later than the Department Commitment Time for each fiscal year based on the following formula and allocated among months (shaped) on a \$ per MW-mo basis as determined by the Department:

The Capacity Payment = FOM + DS + RPLC

FOM = fixed operation and maintenance expenses as established for such fiscal year pursuant to a Management Agreement, including amounts for insurance, fixed fuel cost components, Seller administrative costs, capital improvements or deposits to a major maintenance reserve fund less any amounts in such major maintenance reserve fund not needed for the purposes thereof.

DS = [(the actual debt service payable on the Bonds) + (any other amount payable or required to be deposited pursuant to the indenture or resolution providing for the issuance of the Bonds)] - [(any credits for earnings or other amounts pursuant to the indenture or resolution providing for the issuance of the Bonds) + (in the years(s) in which the final maturit(y)(ies) of the Bonds occurs, the amount of any debt service or other reserve fund(s) held under such indenture or resolution)] during such fiscal year.

RPLC = the cost of any real property lease for the Facility payable during such fiscal year.

To the extent that the Facility achieves Commercial Operation on a Day other than the first Day of a calendar month, and to the extent that the Term ends on a Day other than the last Day of a calendar month, the Department shall pay the Capacity Payment on a pro-rata basis for that month.

(b) <u>Variable O&M</u>. Commencing on the Commercial Operation Date, the Department shall pay the Seller a payment for the variable costs of operation and maintenance associated with Energy delivered by the Seller from the Facility pursuant to the Department's Schedule or Dispatch determined pursuant to a Management Agreement (the "Variable O&M Payment"), on a monthly basis in arrears.

(c) <u>Fuel Payment</u>. Commencing on the Commercial Operation Date and for the remainder of the Delivery Period, for each month in arrears, the Department shall pay the Seller the Monthly Fuel Costs (negative Monthly Fuel Costs reflect a payment due from the Seller to the Department resulting from an excessive heat rate and Department-supplied fuel).

In no event shall FOM or the Variable O&M Payment include the cost of any litigation or administrative actions, disputes or challenges with respect to the Facility or this Agreement other than the costs of obtaining and complying with permits for the Facility in the normal course of business which are not subject to any litigation or administrative actions, disputes or challenges.

Section 2.03. Determination of Rated Capacity. The Rated Capacity for purposes of calculating the Capacity Payment will be established by testing and adjustment as follows: Not less than five days prior to scheduled commercial operation date, and thereafter during the period beginning June 1 and ending June 30 in each year, the Seller will conduct a four hour performance test of the Facility during operations using installed instrumentation, calibrated by the Seller (except the Electric Metering Equipment which will be calibrated in accordance with CAISO Requirements) to determine the maximum MW output of the Facility as measured at the Delivery Point. In addition, each of the Department and the Seller may request up to two additional tests per year (at any time) utilizing the same four hour test procedures. After each test, the Seller will use performance curves certified by the original equipment manufacturer/architect engineer/vendor to adjust the test results to ISO Conditions. The ISO Condition-adjusted test results will be the "Rated Capacity," effective on the first day of the month following the month in which the Department receives written notice of the test results or as of the commercial operation date, as the case may be. The Seller will provide forty-eight (48) hours notice to the Department prior to each test, and provide the Department with written notice of the test results and subsequent adjustment to the Contract Quantity within the later of five (5) Business Days of each test or as soon as practicable. The Department is entitled to witness any test of the Facility. The Department may request third party calibration of instrumentation used in any test, and in the event that a deviation equal to or more than 2% is found, the Seller shall bear the cost of such calibration, and if the instrumentation is within 2% deviation then the Department shall bear such cost. The results of the tests shall be used to adjust the Rated Capacity for the purpose of making capacity payments hereunder. Any test pursuant to this Section 2.03 shall be conducted in accordance with the procedures set forth in Appendix C

Section 2.04. <u>Transmission</u> Notwithstanding anything to the contrary herein, the Seller shall arrange and shall obtain Schedule Coordinator services necessary to deliver the Product to the Delivery Point. The Seller shall be responsible for all charges due to the CAISO, and entitled to receive all payments from the CAISO, related to deviations of Facility output from the Facility's final hour-ahead CAISO schedule; provided, however, to the extent such a deviation results from a dispatch instruction that is directed by the Department, the Department shall be responsible for that portion of any charges due to the CAISO, and entitled to receive that portion of any payments from the CAISO that are attributable to the generation levels specified in such dispatch instruction. The Seller shall not use the CAISO imbalance markets to effect delivery of Energy hereunder except with respect to any underdeliveries by the Seller in the case where the Facility trips off line, in which case the Seller shall submit a schedule change as soon thereafter as reasonably practical.

- Section 2.05. Dispatch and Scheduling. (a) Dispatch Generally. Commencing on the Commercial Operation Date, the Department shall have the discretion to Schedule or Dispatch the Facility and the Seller shall comply with any such direction to Schedule or Dispatch of the Facility, consistent with Facility operating parameters. Such Scheduling rights shall include the use of the CAISO day-ahead and hour-ahead scheduling processes, and any other scheduling process that may be implemented by CAISO. Such Dispatch rights shall include real time dispatchability and shall not be limited by any factors other than Facility operating parameters. In addition, the Seller shall make bids into the CAISO Ancillary Services markets as instructed by the Department, and shall comply with any resulting dispatch instructions from CAISO pursuant to all CAISO protocols. Any resulting Ancillary Service-related revenues paid by CAISO to the Seller shall be passed on to the Department. The Seller shall enter into and comply with a CAISO Participating Generator Agreement. The Department Determination Certificate shall set forth any limitations on Dispatch and Scheduling.
- (b) <u>Scheduling and Dispatch for Delivery</u>. Commencing on the Commercial Operation Date, if the Facility is Dispatched in a manner consistent with the provisions of this Agreement, and Prudent Industry Practices, then the Seller shall comply with the Schedule or Dispatch; provided, however, that in the event of any conflict among the foregoing standards, each such standard shall be given precedence in the order in which it is listed.
- (c) <u>Process for Scheduling</u>. The Seller shall notify the Department prior to each operating day of the capacity that is expected to be actually available for Schedule or Dispatch on such operating day, taking into account factors such as expected ambient conditions (by using the Ambient Facility Output Table) and the operating status of the Facility, and shall update such notifications as ambient conditions and operating status change (each such notification an "Availability Notice").
- Section 2.06. Fuel Supply Arrangements. By three months before the scheduled Commercial Operation Date of the Facility and thereafter each year three months before the anniversary of the commercial operation date of the Facility, the Seller shall provide to the Department a proposed Annual Fuel Plan detailing prices or pricing methodologies for the acquisition of fuel by the Seller on the Department's account for the next Contract Year. By no later than two months before the scheduled Commercial Operation Date of the Facility and thereafter each year two months before the anniversary of the commercial operation date of the Facility, the Department shall notify the Seller if the Department accepts the Seller's proposed Annual Fuel Plan (or a negotiated revision thereto). If such a plan is accepted, it shall become a "Seller Fuel Plan" for the acquisition of fuel by the Seller on the Department's account. During the term of any the Seller Fuel Plan, the Seller shall maintain the Department's account within the monthly imbalance tolerance permitted by the appropriate local distribution company ("LDC"). The Seller shall be solely responsible for any fuel imbalance charges assessed by such LDC during the term of a Seller Fuel Plan. If no Seller Fuel Plan is accepted, the Department shall acquire fuel on its own account (the "Department Fuel Plan"). In the event of a Department Fuel Plan, gas must be delivered to the Seller at a mutually agreed upon point and the Department shall be solely responsible for any LDC charges incurred to deliver that gas to the Facility. Where the Department fails to deliver the required gas under a Department Fuel Plan,

or where the Department notifies the Seller that it will not deliver such gas for any period under a Department Fuel Plan, the Seller shall be obligated to use its best efforts to deliver gas in sufficient quantity to allow the Seller to produce and deliver energy scheduled as provided hereunder. In such instance, on each such day, the Seller shall use best efforts to deliver gas the cost of which does not exceed that day's Gas Daily Large Package Midpoint + \$.01/MMBtu. Any fuel imbalance charges assessed by the LDC resulting under a Department Fuel Plan shall be borne by the Department. Fuel imbalance charges resulting from Force Majeure in respect of the Facility shall be divided equally between the Department and the Seller. The Seller shall be solely responsible to acquire and pay for any and all gas used to generate energy other than the Department's scheduled energy. It is the intent of the parties that natural gas be provided to the Facility at cost to the Department without mark-ups or additional charges. In no case shall any fuel management fees or fuel manager fees assessed to the Department exceed \$.01/MMBtu. When the Department supplies gas to the Facility it shall have all rights and benefits as if it were acting as fuel manager. The Department shall not be subject to any more or additional costs or charges than if it had acted as fuel manager for the Facility, including, imbalance charges assessed within the period permitted for imbalances in the then-effective applicable local natural gas distribution utility tariff or month end imbalance tolerances permitted by such tariff and fees for services.

Section 2.07. Sources of Payment: No Debt of State. Department's obligation to make payments hereunder shall be limited solely to the Fund and shall be payable as an operating expense of the Fund solely from Power Charges subject and subordinate to each Priority Long Term Power Contract in accordance with the priorities and limitations established with respect to the Fund's operating expenses in any indenture providing for the issuance of Bonds and in the Rate Agreement and in the Priority Long Term Contracts. Any liability of Department arising in connection with this Agreement or any claim based thereon or with respect thereto, including, but not limited to, any damages arising as the result of any breach or Default or Event of Default under this Agreement, and any other payment obligation or liability of or judgment against Department hereunder, shall be satisfied solely from the Fund. NEITHER THE FULL FAITH AND CREDIT NOR THE TAXING POWER OF THE STATE OF CALIFORNIA ARE OR MAY BE PLEDGED FOR ANY PAYMENT UNDER THIS AGREEMENT. Revenues and assets of the State Water Resources Development System, and Bond Charges under the Rate Agreement, shall not be liable for or available to make any payments or satisfy any obligation arising under this Agreement.

Section 2.08. <u>Term.</u> Unless earlier terminated pursuant to Article VII, the term of this Agreement (the "Term") shall commence at 12:00 a.m. (Pacific time) on the date of execution of this Agreement and shall continue until the tenth (10th) anniversary of such date of the Commercial Operation Date; provided, however, (a) Seller may terminate this Agreement at any time from and after the fifth (5th) anniversary of such date of execution upon one (1) year written notice to the Department, and (b) the Department may terminate this Agreement at such time there will no longer be any DS component of the Capacity Payment.

Section 2.09. Rate Covenant; No Impairment. In accordance with Section 80134 of the Water Code, the Department covenants that it will, at least annually, and more frequently as required, establish and revise revenue requirements sufficient, together with any moneys on

deposit in the Fund, to provide for the timely payment of all obligations which it has incurred, including any payments required to be made by the Department pursuant to this Agreement and the Department Act. As provided in Section 80200 of the Water Code, while any obligations of the Department pursuant to this Agreement remain outstanding and not fully performed or discharged, the rights, powers, duties and existence of the Department and the CPUC shall not be diminished or impaired in any manner that would affect adversely the interests and rights of the Seller under this Agreement.

Section 2.10. <u>Seller's Obligations: No Debt of Seller.</u> Seller's execution of this Agreement and its obligations hereunder shall not constitute a debt or liability of the City and County of San Francisco. The execution of this Agreement shall not directly, indirectly or contingently obligate the City and County of San Francisco to levy or pledge any form of taxation or make any appropriation for the payment of any amounts under this Agreement. Any obligation of Seller arising in connection with this Agreement or any claim based thereon or with respect thereto, including, but not limited to any damages arising as the result of any breach or Event of Default under this Agreement, and any other payment obligation or liability of or judgment against Seller hereunder, shall be satisfied solely from payments received or to be received from Department or under each Management Agreement. Seller's obligations hereunder shall be an operating expense payable prior to payment of the Bonds.

ARTICLE III OPERATION OF THE FACILITY; FINANCING OF THE FACILITY

Section 3.01. <u>Permits</u>. The Seller shall, at its expense, acquire and maintain in effect, from any and all government agencies with jurisdiction over the Seller and/or the construction or operation of the Facility, all Governmental Approvals, in each case necessary at that time (i) for the construction of the Facility in accordance with this Agreement; and (ii) for the operation of the Facility to provide the Rated Capacity and Energy. The Seller shall operate the Facility in compliance with the Facility's Governmental Approvals. Hours of the Day during which the Facility is able to produce and deliver Energy shall not be limited by permit conditions.

Section 3.02. Operation and Maintenance of the Facility. (a) Generally. The Seller shall operate and maintain, and arrange Scheduled Maintenance Outages for, the Facility in accordance with Prudent Industry Practices. The Seller will make reasonable efforts to schedule planned outages at times agreeable to the Department and will provide the Department notice of planned and unplanned outages. The Seller shall not schedule planned outages during the months of June, July, August, September or October.

(b) Notification and Dispatch. The Seller shall notify the Department that it has planned a Scheduled Maintenance Outage at least twenty-four (24) hours in advance; provided, however, such notice shall be seven (7) Days in advance for any Scheduled Maintenance Outage that is expected to be longer than a week. Such request shall identify the proposed start time and duration of the Scheduled Maintenance Outage. The Department may not Schedule or Dispatch the Facility during a Scheduled Maintenance Outage.

Section 3.03. Reports: Inspection Rights: Change to Facility. From the date of execution of this Agreement through the Commercial Operation Date, the Seller shall supply progress reports to the Department monthly, within fifteen (15) Days after the end of each month, describing progress toward completion of the Major Milestones. If the Facility has not achieved Commercial Operation by the target Commercial Operation Date set forth in Appendix B, the Department may require the Seller to supply progress reports more frequently as reasonably determined necessary by the Department in its sole discretion. Such reports shall include status of accomplishing major development and construction milestones including obtaining all permits, securing project financing, acquisition and installation of major equipment, and start-up testing. The Department may inspect the Facility, the Facility construction site or on-site the Seller data and information pertaining to the Facility during business hours upon reasonable notice. The Seller will not increase the capacity or change the design of the Facility without the written approval of the Department.

Section 3.04. Metering. The meter for the Facility shall be on the high side of the Facility transformer. Metering shall conform to CAISO standards or the equivalent. Any generation meter multiplier (GMM) adjustments shall be for the Department's account (i.e. notwithstanding any required GMM adjustments, the Seller shall be deemed to have delivered the full metered amount of energy from the Facility). The Seller shall provide CAISO metering settlement data to the Department on a monthly basis, and, at the Department's option and expense, real-time access to meter data via appropriate telecommunications equipment.

Section 3.05. Financing of the Facility. (a) General. The Seller shall use its best efforts to finance the Facility Cost with the Initial Bonds. The Initial Bonds will be sold by means of a competitive sale or a negotiated sale as determined pursuant to subsection (d).

- (b) Provisions applicable to a Competitive Sale of the Initial Bonds. The following provisions of this subsection (b) shall apply to a competitive sale of the Initial Bonds. The Department and the Department's financial advisor shall participate in, and the Seller and the Seller's financial advisor shall cooperate with and take into account all input from the Department and the Department's financial advisor regarding (i) structuring of the Initial Bonds, (ii) premarketing the transaction to potential bidders, (iii) establishment of all preliminary and final pricing scales, and (iv) such other functions and undertakings as the Department may determine in connection with the sale of the Initial Bonds. The Seller shall consult with the Department in scheduling the competitive sale of the Initial Bonds. The Seller shall give the Department written notice of the planned dates for (1) notice of a competitive sale of the Initial Bonds, and (2) the Bid Closing Time at least three (3) weeks prior to the distribution of the Bond Bid Documents. All Bond Bids shall be delivered to the Department immediately upon the opening thereof.
- (c) <u>Provisions Applicable to Negotiated Sale of the Initial Bonds</u>. The provisions of this subsection (c) shall apply to any sale of the Initial Bonds by means of a negotiated sale. The Seller shall notify the Department in writing five days prior to the start of marketing and pricing of the Initial Bonds which notice shall specify the Bond Sale Time. Pricing shall begin no later than 72 hours prior to the Bond Sale Time. The Department shall be entitled to full participation

in the Initial Bond pricing process. Final Terms shall be established by the Seller no later than 48 hours prior to the Bond Sale Time and communicated to the Department in writing.

- (d) Competitive or Negotiated Sale. If upon consideration of all facts and circumstances pertaining to the financing of the Facility and the issuance of the Initial Bonds, including premarketing of the Initial Bonds conducted by the Parties' financial advisors, discussions by the Parties with counsel, rating agencies, bond insurance companies and other bond market participants and such other information as the Parties shall deem necessary or relevant, the Department determines that a competitive sale of the Initial Bonds will result in a cost of such Facility that is or will become unacceptable or is otherwise not in the best interests of the Department, the Department may so advise the Seller in writing at any time after the Seller has secured a site for the Facility or filed an AFC with the CEC. The Seller shall advise the Department in writing within one week of receipt of the Department's notice either that it will or will not proceed with a negotiated sale of the Initial Bonds. The determination of whether to proceed with the sale of the initial Bonds by means of a negotiated sale shall be in the Seller's sole discretion. In the event the Seller elects to proceed with the negotiated sale of the Initial Bonds, the Seller shall suspend the competitive sale of the Initial Bonds and the Seller shall obtain all approvals necessary to conduct such a negotiated sale. The Seller and the Department shall select and appoint investment banking firms reasonably acceptable to both Parties for the purposes of such negotiated sale.
- (e) <u>Department Disclosure</u>. The Department shall cooperate with the Seller in providing such information pertaining to the Department with respect to the issuance of Bonds as may be reasonably necessary to enable the Seller to comply with its disclosure requirements under applicable securities laws.
- (f) Department Continuing Disclosure. The Department shall provide to Seller upon Seller's written request certain specified information to the Seller as may be agreed to prior to the issuance of the Initial Bonds for the purpose of enabling the Seller to comply with its continuing disclosure obligations under any undertaking with the purchasers of Bonds; provided, however, that the Department's obligations hereunder shall be limited to providing to Seller such specified information upon written request and the Department shall not be required to enter into any undertaking with the purchasers of Bonds or make any filings with respect to the Bonds.

ARTICLE IV GUARANTEES OF PERFORMANCE

Section 4.01. Availability. (a) Availability Guaranty. The Capacity Payment paid or payable in each month shall be subject to adjustment (by the Seller paying a rebate or earning a bonus, as the case may be) so as to equal the Adjusted Capacity Payment ("ACP").

Where:

If EA > 0.97 for the Summer Season or > 0.94 for the Winter Season

ACP = [1+ (EA-Bonus Target EA)/ Bonus Target EA)] x [capacity payment paid or payable].

If EA≤ 0.97 for the Summer Season or ≤ 0.94 for the Winter Season

ACP = [lesser of: 1.0 and 1- $(2*(Target EA-EA)/Target EA)] \times [capacity payment paid or payable].$

EA = (Summation of Hourly Availability Factors for Monthly Availability Hours) / (# of Monthly Availability Hours in month)

Hourly Availability Factor is determined for each Monthly Availability Hour as the quotient of (a) the capacity reflected in Seller's Availability Notice applicable for such hour, divided by (b) the Hourly Ambient Capacity for such hour.

Bonus Target EA = 0.97 for the Summer Season or 0.94 for the Winter Season.

Target EA = 0.95 for the Summer Season or 0.92 for the Winter Season.

The Summer Season is the months May through October. The Winter Season is the months November through April.

- (b) <u>Liquidated Damages</u>. The Department may terminate this Agreement pursuant to Section 4.02(e) if the Facility has failed to meet a sixty percent (60%) EA in any two consecutive six-month periods. The provisions of this Section 4.01 and Section 4.02(e) shall be the exclusive remedies of the Department for the Seller's failure to meet the Guaranteed Availability so long as such failure is not due to intentional conduct of the Seller. In the event of intentional conduct of the Seller resulting in the non-delivery of Energy or the non-availability of Capacity as reasonably determined by the Department based on all reasonably ascertainable facts and circumstances, such an event shall be an Event of Default and the Department shall be entitled to damages set forth in Article VII. The Seller shall not use the CAISO imbalance markets to effect delivery of Energy hereunder except with respect to any underdeliveries by the Seller in the case where the Facility trips off line, in which case the Seller shall submit a schedule change as soon thereafter as reasonably practical.
- Section 4.02. <u>Termination Without Recourse</u>. (1) <u>Optional Termination</u>. In addition to any other termination rights herein, a Party shall have the right, but not the obligation, to terminate the Agreement without the approval of the other Party and without recourse against the other Party for any damages or other costs and without any further obligation or liability of either Party, as follows:
 - (a) the Seller may terminate this Agreement at any time prior to the Commercial Operation Date upon thirty (30) days written notice if the Seller determines in its sole discretion that (i) key approvals or permits for the Facility cannot be obtained on a timely basis or that the Seller cannot otherwise meet its obligations hereunder or under the Implementation Agreement, or (ii) proceeding with the development, acquisition and

construction of the Facility will result in unacceptable risk to the Seller; provided, however, that the Department shall incur no liability to any other person as the result of any such termination.

- (b) the Department may terminate this Agreement at any time prior to the Department Commitment Time (i) with respect to the competitive sale of the Initial Bonds, upon ten (10) days written notice at any time prior to the publication of the Bond Bid Documents and upon immediate notice from and after the publication of the Bond Bid Documents, (ii) with respect to the negotiated sale of the Initial Bonds, upon ten (10) days written notice at any time prior to the delivery of notice of the Bond Sale Date pursuant to Section 3.05 hereof and upon immediate notice from and after the delivery of notice of the Bond Sale Date, if the Department determines, in its sole discretion, that the cost of such Facility is or will become unacceptable. For the purposes of this subsection (b), the term "costs of the Facility" shall include both amounts payable to the Seller hereunder, including but not limited to, Sections 2.01 and 2.06 hereof, and all costs incurred by the Department in connection with the Facility.
- (c) the Department may terminate this Agreement at any time upon twenty (20) days written notice if (i) Seller has not secured a site for the construction of the Facility by December 31, 2003; provided, Seller uses best efforts to secure the site as soon as reasonably practicable; or (ii) the AFC submitted by Seller for Facility is not deemed data adequate by the CEC by the earlier of (1) date the site is secured plus thirty (30) days and (2) January 31, 2004; or (iii) Seller fails to enter into EPC Contract by the earlier of (1) the date AFC submitted by Seller for the Facility is deemed data adequate by the CEC plus three hundred (300) Days, and (2) the date of the CEC final staff assessment plus thirty (30) days.
- (d) a Party not claiming the Force Majeure event may terminate this Agreement upon ten (10) days written notice if a Force Majeure event continues uninterrupted for more than twelve (12) months.
- (e) the Department may terminate this Agreement upon ten (10) days written notice if the Facility has failed to meet a sixty percent (60%) EA in any two consecutive six-month periods.
- (f) either Party may terminate this Agreement at any time upon ten (10) days written notice if the Seller fails to enter into an Implementation Agreement in form and substance reasonably satisfactory to each Party by January 31, 2003.
- (2) <u>Automatic Termination</u>. In addition to any other termination rights herein, this Agreement shall automatically terminate without any requirement of approval of either Party or notice and without recourse against any Party for any damages or other costs and without any further obligation or liability of either Party in the event (a) (i) the Seller, after receipt of notice from the Department pursuant to Section 3.05(d) that a competitive sale of the Initial Bonds will result in a cost of such Facility that is or will become unacceptable or is otherwise not in the best interests of the Department, advises the Department pursuant to Section 3.05(d) that it will not proceed with a negotiated sale of the Initial Bonds or fails to timely provide such notice, or (ii)

with respect to a competitive sale of the Initial Bonds, at the end of the hour 25 hours prior to the Bid Closing Time unless the Department has delivered to the Seller written notice prior thereto accepting the final pricing and other terms and provisions of the Initial Bonds published to the market for the purpose of receiving Bond Bids, (b) with respect to any negotiated sale of the Initial Bonds, (i) any of the Final Terms are changed prior to the issuance of the Initial Bonds, or (ii) the Bond Purchase Agreement is not approved or executed by any of the parties thereto, (c) the Initial Bonds are not issued for any reason after the execution of the Bond Purchase Agreement or the Bid Closing Time, or (d) the Seller does not issue the notice to proceed under the EPC Contract by the Day following the issuance of the Initial Bonds.

Section 4.03. <u>Rated Capacity</u>. The Department may exclude from the Rated Capacity of the Facility the amount of MW allocable to any Unit where the Rated Capacity of such Unit is less than forty (40) MW, provided, however, that the Seller may re-run the performance test two times, within one-hundred-twenty (120) Days following the Commercial Operation Date, to attempt to achieve a Rated Capacity of any such Unit in excess of forty (40) MW. The provisions of this Section 4.03 and Section 2.02 shall be the exclusive remedy of the Department for any Unit's failure to achieve a specific Rated Capacity.

Section 4.04. <u>Liquidated Damages</u>. The Parties agree that the Department's actual damages in the event Facility fails to achieve a particular availability or rated capacity would be extremely difficult or impracticable to determine and that, after negotiation, the Parties have agreed that the liquidated amounts set forth in Sections 4.01, 4.02 and 4.03 are a reasonable estimate of the damages that the Department would incur as a result of such failures and delays.

Section 4.05. Exclusive Remedies for Shortfalls and Delays. Notwithstanding Article VII or any other provision of this Agreement, and assuming no intentional breach by the Seller hereunder, the provisions of Section 4.01, 4.02(e) and 4.03 shall provide the Department's exclusive remedy in the event the Seller fails to schedule, deliver or provide all or part of the Rated Capacity or Energy or if the Facility fails to achieve a particular Rated Capacity or Guaranteed Availability. Failure to pay any amounts due under the provisions of Section 4.01 shall, however, constitute a separate and distinct Event of Default to which Article VII shall apply.

ARTICLE V PAYMENTS

Section 5.01. <u>Billing Period</u>; <u>Address</u>. The accounting and billing period for transactions under this Agreement shall be one (1) calendar month. Bills sent to the Department shall be sent to the Billing Address.

Section 5.02. <u>Timing of Payments</u>. All payments for amounts billed hereunder shall be paid so that such payments are received by the Seller by the twentieth (20th) Day of the Invoice Month or by tenth (10th) Day after receipt of the bill, whichever is later. Payment shall be made by electronic funds transfer, or by other mutually agreeable method, to the account designated by the Seller and set forth in Appendix A. If the due date falls on a non-Business Day, then the payment shall be due on the next following Business Day.

Section 5.03. <u>Late Payments</u>. Amounts not paid on or before the due date, including without limitation amounts due and not paid under Article VII, shall be payable with interest accrued at the rate of one percent (1%) above the Pooled Money Investment Account rate accrued in accordance with Government Code Section 927.6(b) not to exceed 15%.

Section 5.04. Disputes.

- (a) Generally. A Party may, in good faith, dispute the correctness of any invoice or any adjustment to an invoice, rendered under this Agreement or adjust any invoice for any arithmetic or computational error within twelve (12) months of the date the invoice, or adjustment to an invoice, was rendered. In the event an invoice or portion thereof, or any other claim or adjustment arising hereunder, is disputed, payment of the undisputed portion of the invoice shall be required to be made when due, with notice of the objection given to the other Party. Any invoice dispute or invoice adjustment shall be in writing and shall state the basis for the dispute or adjustment. Payment of the disputed amount shall not be required until the dispute is resolved. Upon resolution of the dispute, any required payment shall be made within two (2) Business Days of such resolution along with interest accrued at the rate provided in Section 5.03 from and including the due date to but excluding the date paid. Inadvertent overpayments shall be returned upon request or deducted by the Party receiving such overpayment from subsequent payments, with interest accrued at the rate provided in Section 5.03 from and including the date of such overpayment to but excluding the date repaid or deducted by the Party receiving such overpayment. Any dispute with respect to an invoice is waived unless the other Party is notified in accordance with this Section 5.04 within twelve (12) months after the invoice is rendered or any specific adjustment to the invoice is made. If an invoice is not rendered within twelve (12) months after the close of the month during which performance occurred, the right to payment for such performance is waived.
- (b) <u>Fuel Related Disputes</u>. Notwithstanding Section 5.05(b), if a monthly invoice for Fuel is in dispute, the Seller shall provide the Department immediate and routine access to relevant third-party transportation and storage information without application of formal audit conditions.

Section 5.05. Records Retention and Audit.

(a) Records Retention.

representative thereof, shall keep complete and accurate records, and shall maintain such records and other data as may be necessary for the purpose of ascertaining the accuracy of all relevant bills, data, estimates, or statements of charges submitted hereunder. Such records shall be maintained for a period of 3 years after the date of receipt of final payment under this Agreement. Within three (3) years from the date of receipt of final payment under this Agreement, either Party may request in writing copies of the records of the other Party to the extent reasonably necessary to verify the accuracy of any statement or charge. The Party from which documents or data has been requested shall cooperate in providing the documents and data within a reasonable time period.

- (ii) <u>Maintenance Schedule</u>. The Seller shall maintain records of unitby-unit maintenance schedules for one year following the year in which the maintenance was conducted.
- (iii) <u>Fuel Documentation</u>. At the Department's request, the Seller will provide the Department, in a timely manner, with such information regarding Fuel costs as the Department may reasonably request, including without limitation, natural gas confirmations after the Department's Dispatch requests and reporting and tracking of gas volumes.
- (b) Audit. The Seller agrees that the Department, The Department of General Services, the Bureau of State Audits, or their designated representative shall have the right to review and to copy any records and supporting documentation pertaining to sales of Rated Capacity or Energy by the Seller to the Department pursuant to this Agreement. The Seller agrees to maintain such records for possible audit for a minimum of three (3) years after the final payment under this Agreement. The Seller agrees to allow the auditor(s) access to such records during normal business hours and to allow interviews of any employees who might reasonably have information related to such records. Further, the Seller agrees to include similar right of the State to audit records and interview staff in any material contract with contractors or suppliers related to performance of this Agreement.

ARTICLE VI FORCE MAJEURE

Section 6.01. Force Majeure.

- (a) No Breach for Force Majeure. No Party shall be liable for or considered to be in breach of this Agreement to the extent that a failure to perform its obligations (other than an obligation to pay money) under this Agreement shall be due to a Force Majeure. To the extent either Party is prevented by Force Majeure from carrying out, in whole or part, its obligations hereunder and such Party (the "Claiming Party") gives notice and details of the Force Majeure to the other Party as soon as practicable, then the Claiming Party shall be excused from the performance of its obligations hereunder (other than the obligation to make payments then due or becoming due with respect to performance prior to the Force Majeure). The Claiming Party shall remedy the Force Majeure with all reasonable dispatch.
- (b) Payment During Force Majeure. The Department's obligation to pay the Capacity Payment will not be excused on account of an event of Force Majeure to the extent that the Seller is capable of providing the Rated Capacity or Energy. If the Seller is unable to provide all or part of the Rated Capacity and Energy as a result of a Force Majeure, the Department shall pay the Capacity Payment only to the extent that the Seller is providing the Rated Capacity and Energy on a pro-rata basis.
- (c) <u>Termination for Force Majeure</u>. If an event of Force Majeure continues uninterrupted for more than twelve (12) months, the Party not claiming the Force Majeure event may terminate this Agreement pursuant to Section 4.02(d).

ARTICLE VII DEFAULT AND EARLY TERMINATION

- Section 7.01. Events of Default. An "Event of Default" shall mean with respect to a party ("Defaulting Party"):
 - (a) if default shall be made in the due and punctual payment of the Purchase Price when and as the same shall become due and payable, and such default shall continue for a period of 10 days after written notice thereof by the other party (the "Non-Defaulting Party") to the Defaulting Party;
 - (b) if default shall be made by the Defaulting Party in the performance or observance on its part of any other of the covenants or agreements contained in this Agreement to be performed, other than as specified in clause (1) above, and such default shall continue for a period of 60 days after written notice thereof to the Defaulting Party by the Non-Defaulting Party; provided, however, that if such default shall be such that it cannot be remedied by the Defaulting Party within such 60 day period, it shall not constitute an Event of Default if corrective action is instituted by the Defaulting Party within such period and diligently pursued by the Defaulting Party until the default is remedied;
 - (c) default under the Implementation Agreement or a Management
- Section 7.02. Remedies for Events of Default. If an Event of Default occurs and is continuing, the Non-Defaulting Party may exercise any remedies available to it at law, in equity, by statute or otherwise, including, but not limited to, the right to seek injunctive relief to prevent irreparable injury to the Non-Defaulting Party or mandamus to compel performance of obligations hereunder.
- Section 7.03. <u>Remedies not Exclusive</u>. No remedy by the terms of this Agreement conferred upon or reserved to the Non-Defaulting Party is intended to be exclusive of any other remedy, but each and every such remedy shall be cumulative and shall be in addition to every other remedy given hereunder or existing at law or in equity or by statute.
- Non-Defaulting Party to exercise any right or power arising upon the happening of an Event of Default shall impair any right or power or shall be construed to be a waiver of any such default or to be an acquiescence therein and every power and remedy given by this Article to the Non-Defaulting Party may be exercised from time to time and as often as may be deemed expedient by the Non-Defaulting Party. A Non-Defaulting Party may waive any past default hereunder and its consequences. No such waiver shall extend to any subsequent or other default or impair any right consequent thereon.

ARTICLE VIII MISCELLANEOUS

Section 8.01. <u>Title, Risk of Loss.</u> The Seller warrants that it will deliver the Energy to the Department free and clear of all liens, claims, and encumbrances arising or attaching prior to the Delivery Point. SELLER HEREBY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE FROM AND AFTER THE DELIVERY POINT. Risk of loss of the Energy shall pass from the Seller to the Department at the Delivery Point.

Section 8.02. Governing Law. This Agreement shall be governed by and construed in accordance with the Laws of the State, without regard to the conflicts of laws rules thereof.

Section 8.03. <u>Forum and Venue</u>. All actions related to the matters which are the subject of this Agreement shall be forumed and venued in a court of competent jurisdiction in the State of California.

Section 8.04. Amendment. Neither this Agreement nor any provision hereof may be amended, waived, discharged or terminated except by an instrument in writing signed by the Department and the Seller. In the event that changes in Laws, regulations or practices, including changes in procedures governing sales into the State's wholesale power markets, materially alter the procedures applicable to Parties' performance of their respective obligations hereunder, the Parties will endeavor in good faith to negotiate appropriate and mutually agreeable amendments to this Agreement or separate protocols to reflect such changes.

Section 8.05. <u>Counterparts</u>. This Agreement may be executed in any number of counterparts, and upon execution by the Parties, each executed counterpart shall have the same force and effect as an original instrument and as if the Parties had signed the same instrument. Any signature page of this Agreement may be detached from any counterpart of this Agreement without impairing the legal effect of any signatures thereon, and may be attached to another counterpart of this Agreement identical in form hereto but having attached to it one or more signature pages.

Section 8.06. Taxes. The Purchase Price, as defined herein, shall include full reimbursement for, and the Seller is liable for and shall pay, or cause to be paid, or reimburse the Department for if the Department has paid, all taxes applicable to the Rated Capacity and Energy that arise prior to the Delivery Point; If the Department is required to remit any tax for which the Seller is responsible under this Section 8.06, the amount shall be deducted from any sums due to the Seller. The Purchase Price does not include reimbursement for, and the Department is liable for and shall pay, cause to be paid, or reimburse the Seller for if the Seller has paid, all taxes applicable to the Rated Capacity and Energy arising at and from the Delivery Point, including any taxes imposed or collected by a taxing authority with jurisdiction over the Department. Either Party, upon written request of the other Party, shall provide a certificate of exemption or other reasonably satisfactory evidence of exemption if either Party is exempt from taxes, and shall use reasonable efforts to obtain and cooperate with the other Party in obtaining any exemption from or reduction of any tax. Taxes are any amounts imposed by a taxing authority with respect to the Rated Capacity and Energy.

- Section 8.07. <u>Limitations of Liability</u>, <u>Remedies and Damages</u>. Each Party acknowledges and agrees that in no event shall any officer, member of its governing bodies, employee, or affiliate of either Party be liable to any other person or Party for any payments, obligations, or performance due under this Agreement or any breach or failure of performance of either Party, or for any loss or damage to property, loss of earnings or revenues, personal injury, or any other direct, indirect, or consequential damages or injury, or punitive damages, which may occur or result from the performance or non-performance of this Agreement, including any negligence arising hereunder, and the sole recourse for performance of the obligations under this Agreement shall be against Seller and or against the Department and the Trust Estate, and not against any other person, except for such liability as expressly assumed by an assignee or guarantor pursuant to an assignment of this Agreement.
- Section 8.08. <u>Transfer of Interest in Agreement</u>. <u>General Requirement</u>. No Party shall voluntarily assign or transfer this Agreement or any portion thereof, nor any of the obligations or rights hereunder, without the prior written consent and approval of the other Party, which consent shall not be unreasonably withheld or delayed.
- Section 8.09. <u>Severability</u>. In the event that any of the terms, covenants or conditions of this Agreement, or the application of any such term, covenant or condition, shall be held invalid as to any person or circumstance by any court, regulatory agency, or other regulatory body having jurisdiction, all other terms, covenants or conditions of this Agreement and their application shall not be affected thereby, but shall remain in force and effect unless a court, regulatory agency, or other regulatory body holds that the provisions are not separable from all other provisions of this Agreement.

Section 8.10. Relationship of the Parties.

- (a) Nothing contained herein shall be construed to create an association, joint venture, trust, or partnership, or impose a trust or partnership covenant, obligation, or liability on or with regard to any one or more of the Parties. Each Party shall be individually responsible for its own covenants, obligations, and liabilities under this Agreement.
- (b) All rights of the Parties are several, not joint. No Party shall be under the control of or shall be deemed to control another Party. Except as expressly provided in this Agreement, no Party shall have a right or power to bind another Party without its express written consent.
- Section 8.11. <u>No Agency</u>. In performing their respective obligations hereunder, neither Party is acting, or is authorized to act, as agent of the other Party.
- Section 8.12. Third Party Beneficiaries. This Agreement shall not be construed to create any rights in, or to grant remedies to, any third party as a beneficiary of this Agreement or of any duty, obligation or undertaking established herein.
- Section 8.13. <u>Waivers</u>. Any waiver at any time by any Party of its rights with respect to a default under this Agreement, or any other matter under this Agreement, shall not be deemed a waiver with respect to any subsequent default of the same or any other matter.

- Section 8.14. Notices. All formal notice, demand or request provided for in this Agreement shall be made in writing and shall be deemed properly served, given or made if delivered in person, or sent by either registered or certified mail, postage prepaid, or prepaid telegram or fax or other means agreed to by the Parties to the addresses set forth in Appendix A. Notice by overnight United States mail or courier shall be effective on the next Business Day after it was sent. A Party may change its addresses or add additional noticed Parties by providing notice of same in accordance herewith.
- Section 8.15. <u>Waiver of Consequential Damages</u>. In no event, whether based on contract, indemnity, warranty, tort (including, as the case may be, a Party's own negligence) or otherwise, shall either Party be liable to the other Party or to any other person or party for or with respect to any claims for consequential, indirect, punitive, exemplary, special or incidental damages or otherwise.
- Section 8.16. <u>Headings</u>. The headings contained in this Agreement are solely for the convenience of the Parties and should not be used or relied upon in any manner in the construction or interpretation of this Agreement.
- Section 8:17. Further Assurances. Each Party agrees to execute and deliver such other instruments and documents and to take such other actions as may be reasonably necessary to complete performance hereunder and otherwise to further the purposes and intent of this Agreement.
- Section 8.18. Application of Government Code and the Public Contracts Code. Pursuant to Section 80014(b) of the Water Code, the Department hereby determines that it would be detrimental to accomplishing the purposes of Division 27 (commencing with Section 80000) of the Water Code to make such provisions applicable to this Agreement and that such provisions and requirements are therefore not applicable to or incorporated in this Agreement.

[Remainder of page intentionally left blank]

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed by their duly authorized representative as of the 30th day of December, 2002.

STATE OF CALIFORNIA DEPARTMENT OF WATER RESOURCES, separate and apart from its powers and responsibilities with respect to the State Water Resources Development System

By:	
Name:	
Title:	

CITY AND COUNTY OF SAN FRANCISCO

Name: ParticulE. Marget
Title: Goneral Manager Spac

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed by their duly authorized representative as of the 30th day of December, 2002.

STATE OF CALIFORNIA DEPARTMENT OF WATER RESOURCES, separate and apart from its powers and responsibilities with respect to the State Water Resources Development System

Name: Prop S. Capris

Title: Deputy Director

CITY AND COUNTY OF SAN FRANCISCO

By: Name:

Title:

Addresses

<u>Seller</u>

All Notices:

San Francisco Public Utilities Commission

Street:

1155 Market Street, Fourth Floor

City, State, Zip;

San Francisco, CA 94102

Phone: (415) 554-3160 Facsimile: (415) 554-3161

Federal Tax ID No.

Billing Address:

1155 Market Street, Fourth Floor San Francisco, CA 94102 Phone: (415) 554-3160

Facsimile: (415) 554-3161

Notice Address:

1155 Market Street, Fourth Floor

San Francisco, CA 94102 Phone: (415) 554-3160

Facsimile: (415) 554-3161

Authorized Representatives:

Patricia E. Martel, General Manager

All Notices:

San Francisco City Attorney's Office

City Hall, Room 234

1 Dr. Carlton B. Goodlett Place

City, State, Zip:

San Francisco, CA 94102

Phone: (415) 554-4615 Facsimile: (415) 554-4763

Federal Tax ID No.

Billing Address: City Hall, Room 234

1 Dr. Carlton B. Goodlett Place

San Francisco, CA 94102 Phone: (415) 554-4615 Facsimile: (415) 554-4763

Notice Address: City Hall, Room 234

1 Dr. Cariton B. Goodlett Place San Francisco, CA 94102

Phone: (415) 554-4615

Facsimile: (415) 554-4763

Authorized Representatives:

Randolph Wu, Deputy City Attorney

Department

All Notices:

California Department of Water Resources/CERS

3310 El Camino Avenue, Suite 120

City, State, Zip:

Sacramento, Calif. 95821

Attn: Executive Manager Power Systems

Phone: (916) 574-0339 Facsimile: (916) 574-2152

Duns:___

Federal Tax ID No. 52-1692634

Billing Address:

Department of Water Resources/CERS

Attn: Doreen Singh

3310 El Camino Avenue, Suite 120

Sacramento, Calif. 95821 Phone: (916) 574-0309 Facsimile: (916) 574-1239

Notice Address:

Department of Water Resources/CERS

Attn: Contracts Payable

3310 El Camino Avenue, Suite 120

Sacramento, Calif. 95821 Phone: (916) 574-2733 Facsimile: (916) 574-2512

Authorized Representative:

Pete Garris - Deputy Director
Wire Transfer Details:
Bank of America (Sacramento Main Branch)
ABA 121000358

Account No. 14365-80598

Scheduling:

Attn: Chief Power Dispatcher Phone: (916) 574-0161 Facsimile: (916) 574-2569

Payments:

Attn: Cash Receipts Section Phone: (916) 653-6892 Facsimile: (916) 654-9882

Major Milestones

Milestone	Target Date
Obtain Site Control	12/31/2003
AFC Deemed Data Adequate by CEC	1/31/2004
Obtain Permits - Land	1/31/2005
Obtain Permits - Air	1/31/2005
Gas Interconnection Studies Completed by PG&E	1/31/2004
Electric Interconnection Studies Completed by PG&E	1/31/2004
EPC Contract Executed	12/1/2004
Start of Construction	12/31/2004
Completion of Gas Interconnection	5/1/2005
Completion of Electric Interconnection	5/1/2005
Management Agreement Executed	12/1/2004
Commercial Operation Date	6/1/2005

PERFORMANCE TESTING PROCEDURES FOR COMMERCIAL OPERATIONS

1. Purpose of the Performance Test.

Upon achieving Commercial Operation, the Seller shall perform a Performance Test in accordance with this Appendix C to determine the Rated Capacity as described in Section 2.03 of this Agreement. Periodically throughout the Term of this Agreement, the Seller will perform additional performance tests. The purpose of this Appendix C is to provide the guidelines under which these performance tests will be conducted.

2. Test Procedure and Schedule.

The Seller shall prepare and submit its written, proposed test procedure and schedule to Department no less than fourteen (14) business days before the proposed test date for Department's acceptance and, within ten (10) business days of such submittal, Department and the Seller shall meet to review and discuss the proposed test procedure and schedule. For Performance Tests other than the initial test, Department and the Seller may waive such meeting by mutual agreement.

Within five (5) business days of such meeting or waiver thereof, Department shall submit either its written acceptance or comments, including the reasons for such comments, on the proposed test procedure and schedule to the Seller. The failure by Department to submit such written acceptance or comment within the required time shall constitute acceptance of the proposed test procedure and schedule by Department. Other than this deemed approval by the Department, the parties shall mutually agree on the final test procedure that shall be the approved test procedure.

The Seller shall provide written notice to Department of changes, if any, to the approved test procedure and schedule and the reason(s) therefore as soon as reasonably practicable, such changes being subject to Department's approval.

The proposed and approved test procedures shall comply with the requirements of Section 3 of the Performance Test Code ASME PTC 22-1997 for Gas Turbine Power Plants ("PTC 22").

3. Scheduling of the Initial and Annual Performance Tests.

Upon achieving Commercial Operation, the Seller shall give the Department five business days notice before the commencement of the performance test. A capacity and heat rate test of each Unit shall be performed. This performance test shall be paid for by the Seller.

Annually in accordance with Section 4.02 (b), a heat rate test shall be performed within thirty days before or after the anniversary of the Commercial Operation Date, or at another time to be mutually agreed. The Seller shall provide 10 business day notice to the Department before the commecement of this performance test. This performance test shall be paid for by the Seller.

Periodically in accordance with Section 2.02 (c), the Departement may call for additional performance tests in addition to the required annual test for the determination of Rated Capacity. The incremental costs of this test shall be born by the Department. The Seller shall give the Department 10 business days notice before the commencement of the performance test.

4. <u>Test Conditions</u>.

- A. Start-Up and Stabilization Period. Prior to the start of the test, the Facility shall be started, synchronized and brought to full load using normal start procedures and then operated continuously at full load for as long as it is necessary, but in no case for no less than one hour, for all measured parameters to achieve stable, normal conditions such that any variations in such parameters will be within the tolerances provided in Table 3.3.3 of PTC 22.
- B. Operating Personnel. The Facility shall be operated by Seller's operating personnel.
- C. Duration. The duration of the test shall be four continuous (4) hours, which shall commence only upon satisfactory completion of the Start-Up and Stabilization Period.
- D. Operating Procedures and Conditions. At all times, the Facility shall be operated in compliance with the approved test procedure, Prudent Industry Practice and all operating procedures recommended, required or established by (i) the manufacturer or supplier of the Facility's equipment (ii) the firm(s) that engineered and designed the Facility and (iii) the contractor(s) that constructed the Facility.

At no time during the test shall the Facility be subject to disruptions or abnormal conditions including, but not limited to, any (i) unstable conditions, (ii) equipment, operating, or regulatory restrictions, or (iii) changes in load from full load other than those fluctuations naturally arising from variations in ambient temperature.

- E. Applicable Laws and Permits. At all times, the Facility shall be in compliance with all applicable laws, regulations and permits, including, but not limited to, those governing safety and air and water emissions.
- F. Data Collection. At a minimum, the following parameters will be measured and recorded simultaneously at no greater than fifteen minute intervals except for fuel samples:
 - 1. Instantaneous ambient relative humidity (%)
 - 2. Instantaneous ambient barometric pressure (inches Hg)
 - 3. Instantaneous ambient temperature (°F)
 - 4. Net output since last measurement at the Energy Delivery Point (kWh)
 - 5. CEMS data required per air permit
 - 6. Turbine speed (rpm)
 - 7. Turbine temperatures (°F)
 - 8. Turbine pressures (psig)
 - 9. Fuel flow at the utility meter.
 - 10. fuel samples once per hour to be tested by an indpendent laboratory.

Upon mutual agreement of the Parties, additional parameters may be measured and recorded simultaneously with the required parameters.

- G. Instrumentation and Metering. The Seller shall provide all instrumentation, metering and data collection equipment required to perform the test. Wherever possible, the instrumentation, metering and data collection equipment that will be used after the Facility achieves Commercial Operation for monitoring and controlling the operation of the Facility and collecting the data required for the Seller to prepare and submit its monthly invoice to Department shall be used for the test. The Seller shall calibrate or cause to be calibrated all such instrumentation, metering and data collection equipment no more than three (3) months prior to the date of the test. All electrical metering equipment shall utilize the plant's installed CAISO metering equipment calibrated to CAISO standards.
- 5. Determination of Rated Capacity and Creation of Ambient Facility Output Table.

The Seller shall perform the calculation of Rated Capacity correcting the measured data to the following adjustments:

The net output for each data interval shall be adjusted to Contract Conditions by first adjusting for differences, if any, between the ambient relative humidity for that data interval and Contract Conditions using the performance curves provided by the manufacturer then adjusting that result for differences, if any, between the ambient barometric pressure for that data interval and Contract Conditions using the performance

curves provided by the manufacturer, and, finally, adjusting that result for differences, if any, between the ambient temperature for that data interval and Contract Conditions using the manufacturer's performance curve.

Using the resulting net output data from this sequential, three-step adjustment process, the net kW output at Contract Conditions at the Energy Delivery Point shall be calculated for each of the sixteen (16) consecutive fifteen (15) minute intervals comprising the test. The average of the sixteen average net kW values thus calculated shall be the Rated Capacity.

Using the manufacturer's performance curve, the Rated Capacity as calculated above for the Facility, comprising those Units meeting the requirements of Section 4.03, shall be used to generate an "Ambient Facility Output Table" relating expected Facility output (in MW) to ambient temperature, such that the Rated Capacity of the Facility shall be the expected Facility output at Contract Conditions in the Ambient Facility Output Table, and the expected Facility output at other ambient temperatures shall relate to Rated Capacity in the same proportion as the points on the manufacturer's performance curve relate to that curve at Contract Conditions.

6. Test Reports. Within five (5) business days after the completion of the performance test, the Seller shall prepare and submit to Department a written report of the test in accordance with Section 6 of PTC 22. At a minimum, the report shall include (i) the approved test procedure, (ii) a record of the personnel present for the test whether serving in an operating, testing, monitoring or other such participatory role, (iii) documentation of the satisfactory completion of the start-up and stabilization period, (iv) a record of any unusual or abnormal conditions or events that occurred during the test and any actions taken in response thereto, (v) the measured data, (vi) a verification of the validity of the test in accordance with Section 3.5.1 of PTC 22, (vii) the adjusted data with supporting calculations, (viii) Rated Capacity with supporting calculations, and (ix) the Seller's statement of either the Seller's acceptance of the test or the Seller's rejection of the test and reason(s) therefore. Within five (5) business days after receipt of such report, Department shall notify the Seller in writing of either Department's acceptance of the test or Department's rejection of the test and reason(s) therefore.

7. Test Acceptance and Re-Testing.

If the Seller and Department both accept a test, the Rated Capacity shall be updated to reflect the results of such test effective upon the first day of the month following the month in which Department receives the Seller's test report.

If the Seller is unable to complete a test for any reason, it shall be permitted to reconduct such test.

8. Cost and Revenue.

For all tests prior to Commercial Operation, the Energy produced by the Seller shall be scheduled by the Seller into the CAISO controlled grid and the Seller shall bear all costs for such tests and receive all revenues from the sale of such Energy.

For all tests after Commercial Operation, the Seller and the Department shall use commercially reasonable efforts to schedule such tests during periods in which Department has Dispatched the Facility to operate. If unable to be so dispatched, then the Energy produced by the Seller shall be scheduled by the Seller into the CAISO controlled grid and the Seller shall bear all costs for such test (other than Fuel costs) and receive all revenues from the sale of such Energy and the hours of operation during such test shall not be counted towards the annual limits on operating hours that Department may Dispatch. In the event that the Department is unable to dispatch the Facility during a performance test the Department requested under Section 2.03, then the Department shall pay for fuel costs in excess of plant revenue during the period of the Performance Test including the start up period relevant to such test.

BEFORE THE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION OF THE STATE OF CALIFORNIA

APPLICATION	FOR CERTIFICATION)	Docket No.	04-AFC-1
FOR THE SAN	FRANCISCO ELECTRIC)		
RELIABILITY	PROJECT)	PROOF OF	SERVICE
		.)	*Revised	7/9/04

I, <u>Sarah Madams</u>, declare that on <u>August 27, 2004</u>, I deposited copies of the attached <u>Informal Data Response</u>, <u>Set 4</u> in the United States mail at Sacramento, CA with first class postage thereon, fully prepaid, and addressed to the following:

DOCKET UNIT

Send the original signed document plus 12 copies to the following address:

CALIFORNIA ENERGY COMMISSION Attn: Docket No. 01-AFC-17 DOCKET UNIT, MS-4 1516 Ninth Street Sacramento, CA 95814-5512

In addition to the documents sent to the Commission Docket Unit, also send individual copies of all documents to:

APPLICANT

Jesse Blout - Economic Development Director Office of the Mayor City and County of San Francisco 1 Dr. Carlton B. Goodlett Place, Room 200 San Francisco, CA 94102-4641

Applicant Project Manager Julie Labonte, P.E. San Francisco Public Utilities Commission General Manager's Office 1155 Market St., 11th Floor San Francisco, CA 94103

APPLICANT'S CONSULTANTS

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John Carrier CH2MHill 2485 Natomas Park Drive, Suite 600 Sacramento, CA 95833-2943

COUNSEL FOR APPLICANT

Jeanne Sole San Francisco City Attorney City Hall, Room 234 1 Dr. Carlton B. Goodlet Place San Francisco, CA 94102-4682

INTERESTED AGENCIES

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Electricity Oversight Board 770 L Street, Suite 1250 Sacramento, CA 95814

INTERVENORS

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San Francisco, California 94124
L_brown123@yahoo.com

I declare under penalty of perjury that the foregoing is true and correct.

Sarah Madams